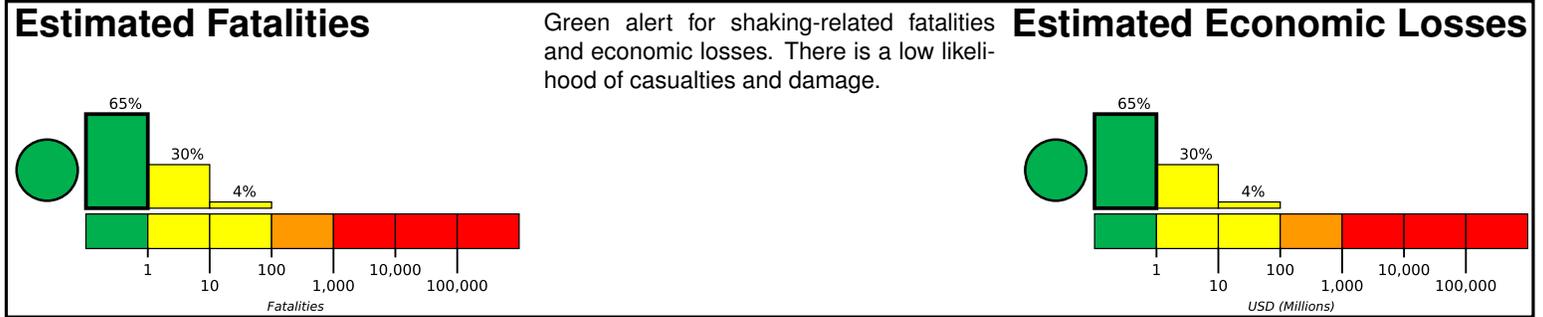


# M 5.4, Mindanao, Philippines

Origin Time: 2023-07-17 15:35:24 UTC (Mon 23:35:24 local)  
Location: 5.7744° N 124.0656° E Depth: 10.0 km

**PAGER Version 4**

Created: 1 week, 1 day after earthquake

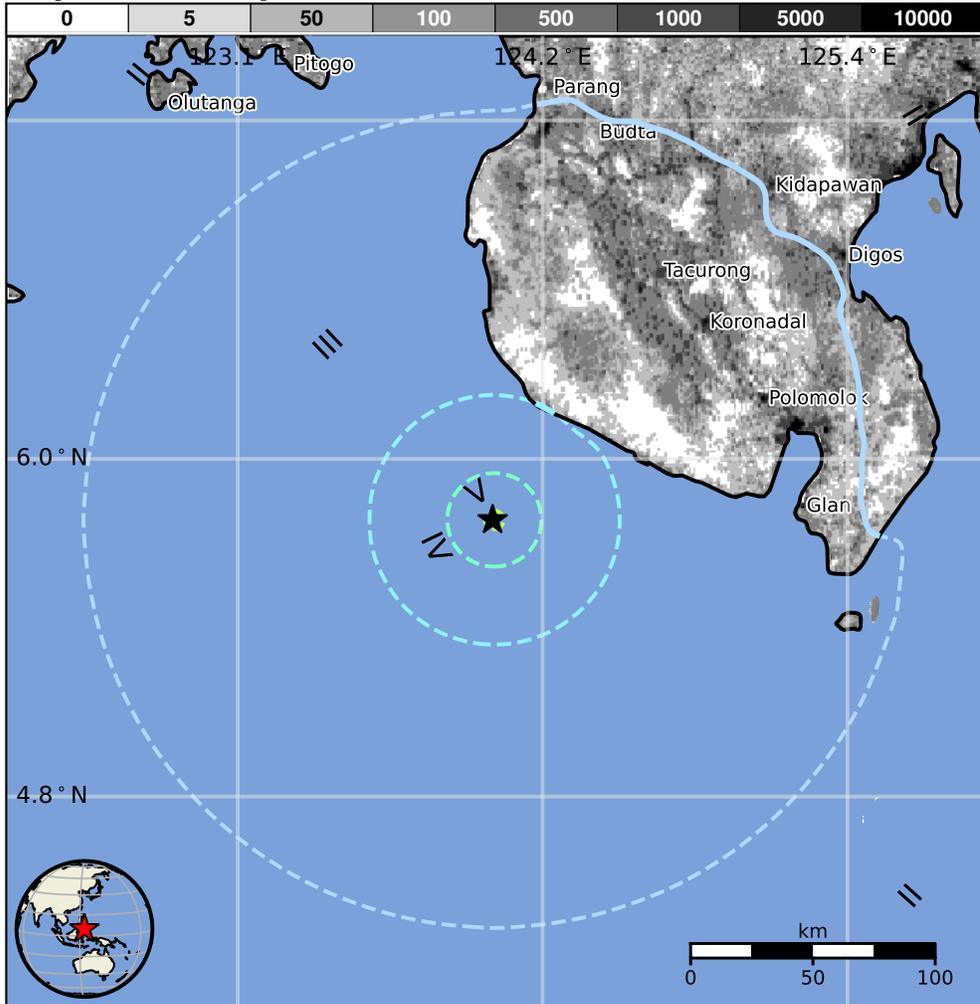


## Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	11,017k	53k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

\*Estimated exposure only includes population within the map area.

## Population Exposure



## Structures

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are unknown/miscellaneous types and heavy wood frame construction.

## Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1987-05-23	294	5.7	VII(70k)	1
1987-05-18	310	6.2	VIII(12k)	1
2002-03-05	31	7.5	VIII(12k)	15

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

## Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	Malisbeng	4k
IV	Palimbang	5k
IV	Mindupok	3k
IV	Mabay	3k
IV	Maguling	2k
III	Maitum	8k
III	<b>Koronadal</b>	<b>126k</b>
III	Cotabato	179k
III	<b>Budta</b>	<b>1,274k</b>
III	Malingao	1,122k
II	Davao	1,213k

bold cities appear on map.

(k = x1000)

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us7000kgd7#pager>

Event ID: us7000kgd7